

Storm Data and Unusual Weather Phenomena

October 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

ALABAMA, Central

Cherokee County

Cedar Bluff

21 1415CST 0 0 Hail (1.75)

Golf ball size hail was observed by law enforcement officials near Cedar Bluff.

Cherokee County

5 NNE Gaylesville

21 1420CST 0 0 Hail (0.75)

Penny size hail was reported near Gaylesville.

ALABAMA, North

NOT RECEIVED.

ALABAMA, Southeast

NOT RECEIVED.

ALABAMA, Southwest

NOT RECEIVED.

ALASKA, Northern

AKZ221

Wrn Tanana Vly Wrn Yukon Vly

15 0715AST 0 0 Heavy Snow
1700AST

A weak disturbance moving across the area generated a heavy snowfall in the vicinity of Nenana. The Chevron Gas Station employee there estimated six to 8 inches of snow had fallen as of 1000 ADT. Snowfall diminished after that with a total of 8.6 inches estimated by the time the event ended. Snow began falling at 2000 ADT on the 15th. The Cooperative Observer at Minchumina reported a snowfall at 0930 ADT that morning of 4.5 inches, with another 0.5 inches before the event ended later in the day.

AKZ209

Baldwin Pen. & Selawik Valley

16 0953AST 0 0 Blizzard
1253AST

Blizzard conditions occurred at Kotzebue. East winds gusted up to 43 mph during the event.

ALASKA, Southeast

NOT RECEIVED.

ALASKA, Southern

AKZ101-195

Anchorage Muni To Bird Creek - Pribilof Islands

17 0025AST 0 0 75K High Wind (G77)
1650AST

AKZ155-161

Kuskokwim Delta - Bristol Bay

17 1400AST 0 0 Flood
1700AST

An intense Bering Sea storm produced west wind gusting to 90 mph across the Pribilof Islands late Sunday night into the early morning hours Monday. The storm bottomed out at 962 MB as it moved northeast into the northern Bering Sea. The combination of the strong wind and long fetch produced a surge that coincided with high tides. Flooding occurred in the Bristol Bay area north to Kipnuk along the Kuskokwim Delta. In advance of the front, the strong pressure gradient produced the typically high wind along Turnagain Arm with peak gusts reaching 82 mph on the afternoon of the 17th.

AKZ101

Anchorage Muni To Bird Creek

20 0020AST 0 0 High Wind (G66)
0100AST

An intense low moved across the Alaska Peninsula into the gulf of Alaska October 19th and 20th. The intense pressure gradient in advance of the front in south central Alaska produce the typical strong wind along Turnagain Arm. The Wind briefly peaked at 76 mph late on the night of October 19th at the McHugh Creek RWIS.

AKZ181

Alaska Peninsula

20 0437AST 0 0 High Wind (G84)
1856AST

An intense and fast moving low moved across the Alaska Peninsula into the Gulf of Alaska late Wednesday night, October 19th.

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AMERICAN SAMOA

ASZ002>003

Tutuila - Manu'A

01 0615SST

0

0

Heavy Surf/High Surf

04 0600SST

An intense low pressure far south of the Islands generated a south swell of 4 to 6 feet which produced high surf of 10 to 12 feet along south facing shores of the Islands. No injuries reported.

ARIZONA, Central and Northeast

NOT RECEIVED.

ARIZONA, Northwest

Mohave County

22 E Kingman

25

1422MST

0

0

Hail (0.75)

Dime size hail.

ARIZONA, South

NOT RECEIVED.

ARIZONA, Southwest

NOT RECEIVED.

ARKANSAS, Central and North Central

NOT RECEIVED.

ARKANSAS, East

NOT RECEIVED.

ARKANSAS, Northwest

NOT RECEIVED.

ARKANSAS, Southeast

NOT RECEIVED.

ARKANSAS, Southwest

Miller County

Texarkana

31

1322CST

0

0

Thunderstorm Wind (G52)

Gust estimated by Emergency Manager.

Miller County

2 N Texarkana

31

1327CST

0

0

Thunderstorm Wind (G54)

Estimated gust by storm chaser two miles north of the junction of I-30 with US Hwy 71 south of the Index bridge crossing the Red River.

Miller County

Texarkana

31

1335CST

0

1

30K

Thunderstorm Wind (G55)

One injury was reported at Loop 245 and I-30 when a billboard sign was blown over onto a man. A roof was also taken off a concrete building next to a truck stop in town.

Hempstead County

Hope

31

1355CST

0

0

Thunderstorm Wind (G53)

Trees downed.

Lafayette County

Stamps

31

1430CST

0

0

Thunderstorm Wind (G53)

A few trees downed near Cnty Rd 27.

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ARKANSAS, Southwest

Lafayette County

Buckner	31	1430CST			0	0			Thunderstorm Wind (G53)
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A few trees were downed near Cnty Rd 41.

CALIFORNIA, Extreme Southeast

NOT RECEIVED.

CALIFORNIA, North Central

CAZ069

West Slope Northern Sierra Nevada

15	0700PST 1115PST			0	0			Winter Weather/Mix
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The first snow event of the season for the west slope of the Sierra Nevada Mountains. One to four inches of snow fell above 6500 feet...which is below the level of most passes in the area. Light snow fell as low as 5800 feet. No notable accidents occurred, though travel through the passes was significantly slowed.

CALIFORNIA, Northeast

NOT RECEIVED.

CALIFORNIA, Northwest

NOT RECEIVED.

CALIFORNIA, South Central

NOT RECEIVED.

CALIFORNIA, Southeast

CAZ027

Inyo County Deserts

15	1135PST			0	1			Strong Wind
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Five people blown over at Badwater by strong winds. One person taken to the hospital with lacerations.

San Bernardino County

12 W Needles to Goffs

17	1805PST 2157PST			0	0			Flash Flood
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U.S. Highway 95 flooded from Interstate 40 to the NV state line. Also up to three feet of water over several roads in Goffs.

San Bernardino County

Barstow

18	0130PST 0300PST			0	0			Flash Flood
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Flooding in several areas of Barstow.

San Bernardino County

10 NE Barstow to 15 NE Barstow

18	0236PST 0350PST			0	0			Flash Flood
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Interstate 15 flooded.

San Bernardino County

15 NE Barstow

18	0621PST 0642PST			0	0			Flash Flood
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Fort Irwin Rd. flooded due to heavy rain on a burn area. Yermo Cutoff Rd. also flooded.

San Bernardino County

35 N Baker

18	0659PST 0730PST			0	0			Flash Flood
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State Highway 127 flooded at Dumont Dunes Rd.

San Bernardino County

20 NW Needles

18	0720PST 0800PST			0	0			Flash Flood
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U.S. Highway 95 flooded.

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					Killed	Injured	Property	Crops	

CALIFORNIA, Southeast

San Bernardino
County

20 NW Needles	18	1439PST 1530PST			0	0			Flash Flood
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U.S. Highway 95 flooded.

CALIFORNIA, Southwest

NOT RECEIVED.

CALIFORNIA, Upper

NOT RECEIVED.

CALIFORNIA, West South Central

NOT RECEIVED.

CALIFORNIA, Western

NOT RECEIVED.

CARIBBEAN SEA AND TROPICAL ATLANTIC

Savannah Ga To
Altamaha Sd Ga Out
20Nm

22 E Sapelo Island	21	2043EST 2101EST			0	0			Marine Tstm Wind
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Thunderstorm winds gusted to 39 knots and then 43 knots at the Grays Reef buoy.

COLORADO, Central and Northeast

COZ033>037-040>041-
045>046

S & E Jackson / Larimer / N & Ne Grand / Nw Boulder Counties Above 9000 Feet - S & Se Grand / W Central & Sw Boulder / Gilpin / Clear Creek / Summit / N & W Park Counties Above 9000 Feet - Larimer & Boulder Counties Between 6000 & 9000 Feet - Jefferson & W Douglas Counties Above 6000 Feet / Gilpin / Clear Creek / Ne Park Counties Below 9000 Feet - C & Se Park County - N Douglas County Below 6000 Feet / Denver / W Adams & Arapahoe Counties / E Broomfield County - Elbert / C & E Douglas Counties Above 6000 Feet - C & E Adams & Arapahoe Counties - N & Ne Elbert County Below 6000 Feet / N Lincoln County

09	1700MST	1	0	Winter Storm
11	0000MST			

A significant winter storm occurred across north central and northeast Colorado. This system brought heavy, wet snowfall to the Front Range mountains, foothills and portions of the Denver metro area and Palmer Divide. Accumulations ranged from 8 to 24 inches. The heaviest snow occurred in the areas between Watkins, Kiowa and Deer Trail. Since many trees had not yet shed their leaves, significant tree damage occurred. One woman in Denver was killed when tree branch, 8 to 10 inches in diameter, snapped under the weight of the snow and struck her as she was shoveling her driveway. Most major roads were closed including Interstate 70, between Denver and Limon, as well as portions of highways 24, 36, 71 and 86, east and southeast of Denver. The Red Cross opened 4 shelters for people who were stranded along I-70 in eastern Colorado. Xcel energy reported power outages to approximately 35,000 customers. Several incoming flights were delayed at Denver International Airport. Snow drifts were 3 to 4 feet deep in spots.

While many areas received heavy snow, others experienced almost entirely rain. This included areas from the northwestern sections of the Denver metro area northward through Boulder, Longmont, Fort Collins, Loveland and Greeley. In addition, areas east of Limon to Last Chance to Fort Morgan received mostly rain. Rainfall amounts were significant as storm totals ranged between 1.50 and 2.50 inches. The steady rain triggered three rockslides, two on Colorado Highway 119 in Boulder County. The largest slide was 7 ft. long and occurred on State Highway 74 at Idledeale, between Morrison and Evergreen.

Storm totals in the mountains, high valleys and foothills included: 24 inches at Breckenridge, 18 inches at Copper Mountain, 17 inches at Keystone, 16 inches, 12 miles south-southwest of Boulder, 15 inches at Fairplay, 14 inches, 7 miles southwest of Boulder, and 12 inches at Arapahoe Basin, Genesee, 2 miles southwest of Golden, Loveland Ski Area and Winter Park. Storm totals over the Palmer Divide and adjacent plains included: 22 inches, 8 miles southeast of Watkins, 20 inches, 22 miles south of Byers and Deer Trail, 19 inches, 4 miles south-southeast of Bennett, 18 inches at Bennett and 1 mile north of Strasburg, 17 inches, 9 miles south-southeast of Aurora and 5 miles southwest of Elizabeth, 14 inches, 4 miles east of Parker, 13 inches, 2 miles west of Castle Rock, 12 inches at Centennial, 11 inches at Parker and 10 inches at Cedar Point and Limon, Denver International Airport and Littleton. F73OU

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					Killed	Injured	Property	Crops	

COLORADO, East Central

NOT RECEIVED.

COLORADO, South Central and Southeast

NOT RECEIVED.

COLORADO, West

NOT RECEIVED.

CONNECTICUT, Northeast

NOT RECEIVED.

CONNECTICUT, Northwest

NOT RECEIVED.

CONNECTICUT, Southern

NOT RECEIVED.

DELAWARE

NOT RECEIVED.

DISTRICT OF COLUMBIA

NOT RECEIVED.

FLORIDA, East Central

NOT RECEIVED.

FLORIDA, Extreme Southern

NOT RECEIVED.

FLORIDA, Northeastern

Flagler County

1 E Flagler Beach	01	0725EST 0730EST			0	0			Funnel Cloud
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FLZ024>025-033-038

Nassau - Duval - St. Johns - Flagler

03	0001EST				0	0			Heavy Surf/High Surf
05	0600EST								

Strong northeast gradient flow pattern caused tides to be two to two and a half feet above astronomical and high surf along the northeast Florida coast.

Clay County

Countywide	04	0000EST			0	0			Heavy Rain
	05	0600EST							

Heavy rainfall from strong gradient northeast flow. Observation sites, COOP Observers and Storm Spotters report 2 to 4 inches of rainfall during this period across portions of northeast Florida. Fernandina Beach reported 3.31 inches of rain, Hastings, Nassau County reported 1.06 inches.

Duval County

Countywide	04	0000EST			0	0			Heavy Rain
	05	0600EST							

Heavy rainfall from strong gradient northeast flow. Observation sites, COOP Observers and Storm Spotters report 2 to 4 inches of rainfall during this period across portions of northeast Florida.

Storm Data and Unusual Weather Phenomena

		Time	Path	Path	Number of		Estimated		October 2005
		Local/	Length	Width	Persons		Damage		
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property	Crops	

Flagler County					
Countywide	04	0000EST	0	0	Heavy Rain

Nassau County					
Countywide	04	0000EST	0	0	Heavy Rain
	05	0600EST			

St. Johns County					
Countywide	04	0000EST	0	0	Heavy Rain
	05	0600EST			

FLZ024>025-033-038	Nassau - Duval - St. Johns - Flagler				
	05 0600EST	0	0		Tropical Storm
	1900EST				

Nassau County					
2 S Fernandina Beach to 07	0730EST	0	0		Funnel Cloud
2 N Fernandina Beach	0735EST				

Duval County					
Countywide	21	1550EST	0	0	Heavy Rain
		2020EST			

Nassau County					
Amelia City	21	1620EST	0	0	Funnel Cloud

FLZ025	Duval				
	21	1900EST	0	0	Flood
		2100EST			

Duval County					
Arlington	21	1900EST	0	0	Thunderstorm Wind (G50)

Trees and powerlines were down across parts of Arlington.

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		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	

FLORIDA, Northeastern

St. Johns County
5 SW Durbin

21 2020EST 0 0 Heavy Rain

Spotter measured 5 inches of rain in one hour, ending at 920 pm local time.

FLZ033-038

St. Johns - Flagler

24 1000EST 0 0 Tropical Storm
1500EST

Hurricane Wilma passed well south of the local area with Tropical Storm Warnings issued locally from St. Augustine, Florida south to Flagler Beach. Flagler Beach Pier reported a sustained winds of 42 mph with gusts to 51 mph at 10:33 EST and sustained winds of 46 mph with gusts to 53 mph at 12:30 EST. winds one block inland in Flagler Beach averaged 30 to 35 mph with a gusts to 43 mph measured on a home weather station at 13:29 EST. Winds at the St. Augustine Pier reached 40 mph at 13:40 EST with a gust to 51 mph at 14:00. Rainfall totals of 3 to 5 inches fell on southern St. Johns County and Flagler County with some flooding of roadways reported in Flagler County.

FLORIDA, Northwest

NOT RECEIVED.

FLORIDA, Southern

NOT RECEIVED.

FLORIDA, West Central

NOT RECEIVED.

FLORIDA, West Panhandle

NOT RECEIVED.

GEORGIA, East Central

NONE REPORTED.

GEORGIA, Lower

Camden County
Countywide

03 0000EST 0 0 Heavy Rain

Strong northeasterly gradient flow brought abundant moisture and heavy rainfall to coastal Georgia. Camden County, Georgia experienced 1 to 2 inches, with locally higher amounts. 2.63 inches recorded at the Coop station in Woodbine, Ga.

Glynn County
Countywide

03 0000EST 0 0 Heavy Rain

Strong northeasterly gradient flow brought abundant moisture and heavy rainfall to coastal Georgia. Glynn County, Georgia experienced 1.5 to 2.5 inches of rain. 1.45 recorded at Saint Simons Island McKinnon Airport and 2.45 inches at the Brunswick, Ga Coop station.

Brantley County
Countywide

04 0000EST 0 0 Heavy Rain
05 0600EST

Second day of heavy rainfall across southeast Georgia due to a strong northeast gradient flow. .75 inch of rain recorded in Nahunta, Georgia on top of .6 inches during the day before. WSR 88D Doppler Radar estimates indicate higher rainfall totals over the eastern portion of the county.

Camden County
Countywide

04 0000EST 0 0 Heavy Rain
05 0600EST

Second day of heavy rainfall across southeast Georgia due to a strong northeast gradient flow. .5 inch of rain recorded at the COOP observer site in Woodbine, Georgia on top of 2.63 inches during the day before. WSR 88D Doppler Radar indicates higher amounts over portions of the county. An Urban and Small Stream Flood Advisory was issued at 04:32 EST/08:36 UTC with some street flooding reported.

Storm Data and Unusual Weather Phenomena

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					Killed	Injured	Property	Crops	

GEORGIA, Lower

Glynn County

Countywide

04 0000EST 0 0 Heavy Rain
05 0600EST

Second day of heavy rainfall across southeast Georgia due to a strong northeast gradient flow. 3.17 inches of rain reported at Saint Simons Island McKinnon Airport (KSSI), and 5.45 inches at the COOP Observation site in the city of Brunswick. A spotter on Saint Simons Island (.66 miles NNW KSSI) reported 4.05 inches of rain, in an 8" rain gage, at 4 p.m EDT. A second spotter, 2 miles north of KSSI, reported 6.21 inches between midnight and 14:00 EDT and a daily total of 6.78 inches at midnight. An Urban and Small Stream Flood Advisory was issued at 04:32 EDT/08:36 UTC with some street flooding reported.

GAZI52>154-165>166

Brantley - Inland Glynn - Coastal Glynn - Inland Camden - Coastal Camden

05 0600EST 0 0 Tropical Storm
06 2359EST

Tropical Storm Warnings from 10/05 07:00 EDT/11:00 UTC through 10/06 05:00 EDT/09:00 UTC; however, post event flooding continued until late evening over southeast Georgia. Tropical Storm Tammy developed off of Cape Canaveral Florida and moved north-northeast toward northeast Florida. The strongest wind band and rains were located well north of the center and dropped a large amount of rainfall across southeast Georgia. This rainfall combined with heavy rainfall and high tides over the previous days, due to strong northeast gradient flow, caused extensive flooding across the area. Peak winds in coastal Georgia were 40 knots at McKinnon Airport (KSSI) on Saint Simons Island at 20:53 EDT and 38 knots at GlynnCo Airport (KBQK) at 21:00 EDT. Storm Tides averaged 2 to 3.25 feet above astronomical tide levels during both low and high tide. This tended to block storm water runoff drainage in portions of southeast Georgia.

Rainfall totals for the 5th and 6th were...

McKinnon (KSSI): 10/5 4.68 inches & 10/6 0.63 inches

Brunswick COOP Site (BRUG1): 10/5 0.5 inches & 10/6 missing

Woodbine COOP Site (WBNG1): 10/5 4.52 inches & 10/6 1.56 inches

Nahunta COOP Site (NAHG1): 10/5 3.05 inches & 10/6 4.71 inches

A trained spotter on Saint Simons Island .66 miles north of McKinnon Airport (KSSI) reported 6.4 inches of rain on 10/5 and 0.74 on 10/6. This spotter also recorded 13.06 inches of rain from 10/1 through 10/6 (in an 8 inch rain gage). This is consistent with WSR 88D radar storm total estimates which indicate a 12 to 15 inch accumulation band from Kingsland/St. Marys, Ga north to near Darien, Ga. and extending inland 18 to 20 miles. The spotter also reported tides close to those of Hurricane Frances and this is consistent with tide gage observations taken at Fernandina Beach, Florida (the Saint Simons Island tide gage was out of service during the event).

Aerial and poor drainage flooding (mainly due to high tide levels) occurred on Green Swamp Rd, north of the railroad tracks; the Cypress Run subdivision; the College Park subdivision; the Magnolia Park subdivision; and the city of Brunswick from Wolfe Rd. east to Johnston St. and from K St. north to Q St. please refer to the flooding event on 10/7/05 for a total number of flooded structures.

Seas of 4 to 6 feet were reported at Saint Simons Island.

A brief tornado touched down near Spur 25 and Interstate 98 Wednesday evening and moved north-northeast toward New Hope Plantation. A hotel suffered roof damage and a mobile home on Gatch Ln. was also damaged. Trees and power lines were snapped along its path.

Glynn County

1 W (Bqk)Glynco Arpt

2 N (Bqk)Glynco Arpt

Bru

05 1930EST 2 100 0 0 50K Tornado (F0)
1935EST

Spawned by Tropical Storm Tammy. Tornado touched down near Spur 25 striking a hotel and causing minor roof damage (est. \$10K) and snapping several pines. Tornado moved NNE over Gatch Lane where it ripped up power lines and unroofed a mobile home (est \$40K) and lifted. Tornado had a second brief touchdown along State Road 99 near New Hope Plantation where it snapped pine trees.

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GEORGIA, Lower

GAZ152>154-165>166

Brantley - Inland Glynn - Coastal Glynn - Inland Camden - Coastal Camden

07 0800EST 2359EST 0 0 Flood

Low level vorticity center/mesoscale low, which was a distinct feature separate from Tropical Storm Tammy, developed over northeast Florida and moved north along the Georgia coast. This meso-low caused excessive precipitation during the morning hours with rain falling over already saturated ground and still flooded areas. This set off a second peak in the flooding which was distinct from that caused by Tropical Storm Tammy. The city of Brunswick, in Glynn County, was the most seriously affected as high tides of two to three feet above astronomical blocked the drainage of this additional rainwater. Additionally, 27 sewage lift stations failed in the city and, in some cases, this led to the contamination of the flood waters. Generally, the peak flood from this event was several inches below the maximum flood level from Tammy's Wednesday night-Thursday event.

Major flooded areas...

Green Swamp Rd, north of the railroad tracks;

the Cypress Run subdivision;

the College Park subdivision;

the Magnolia Park subdivision;

Rose Dr.;

Canal Rd.;

The city of Brunswick from Wolfe Rd. east to Johnston St. and from K St. north to Q St.

Overall, 108 structures were flooded in the city with 66 single family homes, 20 multifamily homes, 10 mobile homes and 12 businesses experiencing flooding. Additional flooding of streets and homes also occurred in Brantley and Camden counties with several families evacuated. The American Red Cross opened a shelter in Seldon Park with 10 families seeking shelter for the night.

24 hour rainfall on the 7th...

Brunswick COOP station, BRUG1...4.50 inches

Nahunta COOP Station, NAHG1...4.70 inches

Woodbine COOP Station, WBNG1...1.56 inches

GlynnCo Airport, KBQK...3.54 inches

A trained Weather spotter .66 miles north of McKinnon Airport (KSSI) reported 3.95 inches of rain on Saint Simons Island with some street flooding. This observer has recorded 17.20 inches of rain for the month of October to date.

GEORGIA, North and Central

NOT RECEIVED.

GEORGIA, Northeast

NOT RECEIVED.

GEORGIA, Southeast

GAZ116>119-138>141

Inland Bryan - Coastal Bryan - Inland Chatham - Coastal Chatham - Inland Liberty - Coastal Liberty - Inland McIntosh - Coastal McIntosh

05 0630EST 0 0 Tropical Storm
06 1000EST

Tropical Storm Tammy moved ashore in northeast Florida but the strongest effects were felt well north of the actual center. Tropical Storm force wind gusts as high as 50 mph affected the Georgia coast for many hours. Numerous trees were blown down, a few of which fell on houses and cars.

Coastal flooding and high surf also occurred due to Tammy. Significant beach erosion occurred at Tybee Island.

McIntosh County

Darien

05 1950EST 0 0 Flash Flood
06 0100EST

Heavy rainfall associated with Tropical Storm Tammy flooded numerous roads throughout the county.

Chatham County

Savannah

05 2128EST 0 0 Flash Flood
06 0100EST

Heavy rainfall associated with Tropical Storm Tammy flooded General McIntosh Road, Lewisville Road, and Lathrop Avenue.

Long County

Ludowici

05 2150EST 0 0 Flash Flood
06 0100EST

Heavy rainfall associated with Tropical Storm Tammy washed out Lee Place Road.

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<u>GEORGIA, Southeast</u>									
Bryan County									
Richmond Hill	06	0110EST 0125EST			0	0			Flash Flood
Heavy rainfall associated with Tropical Storm Tammy flooded Russian Street near the intersection with Highway 144.									
Liberty County									
1 N Riceboro	06 07	2310EST 0100EST			0	0			Flash Flood
Heavy rainfall associated with the remnants of Tropical Storm Tammy flooded Cay Creek Road.									
Liberty County									
East Portion	07	0945EST 1045EST			0	0			Flash Flood
Heavy rainfall associated with the remnants of Tropical Storm Tammy flooded roads around Halfmoon Landing. Cay Creek Road, Briars Bay Road, and Phillips Road were washed out.									
Mcintosh County									
Townsend	07	1000EST 1100EST			0	0			Flash Flood
Heavy rainfall associated with the remnants of Tropical Storm Tammy flooded Murray Townsend Road.									
Liberty County									
6 SE Seabrook	07	1120EST 1125EST			0	0			Thunderstorm Wind (G50)
Thunderstorm winds knocked down trees and power lines just east of Halfmoon Landing.									
Mcintosh County									
Darien	07	1630EST 1800EST			0	0			Flash Flood
The last of several episodes of heavy rainfall associated with Tropical Storm Tammy and its remnants produced numerous flooded roads across the county. Five homes were damaged by the flood waters, 15-20 roads washed out, and 2 pond dams burst.									
Long County									
9 NW Ludowici	21	1654EST 1700EST			0	0			Hail (1.00)
Quarter size hail fell along Highway 301 northwest of Ludowici.									
Long County									
5 ENE Ludowici	21	1730EST 1735EST			0	0			Hail (0.75)
Penny size hail fell along highway 38.									
Mcintosh County									
3 ENE Pine Harbor	21	1915EST 1920EST			0	0			Hail (1.00)
Mcintosh County									
Pine Harbor to 3 ENE Pine Harbor	21	1915EST 1920EST			0	0			Thunderstorm Wind (G50)
Thunderstorm winds downed large trees and power lines in Pine Harbor and Shellman Bluff.									
Mcintosh County									
Darien	21	1945EST 1950EST			0	0			Hail (1.75)
Mcintosh County									
Darien	21	1945EST 1950EST			0	0			Thunderstorm Wind (G50)
Thunderstorm winds knocked down trees along Highway 17 and on Third Street.									

GEORGIA, Southwest

NOT RECEIVED.

HAWAII

NOT RECEIVED.

IDAHO, Extreme Southeast

NOT RECEIVED.

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					Killed	Injured	Property	Crops	

IDAHO, North

NOT RECEIVED.

IDAHO, Northwest

NOT RECEIVED.

IDAHO, Southeast

NOT RECEIVED.

IDAHO, Southwest

NOT RECEIVED.

ILLINOIS, Central

NOT RECEIVED.

ILLINOIS, Northeast

NOT RECEIVED.

ILLINOIS, Northwest

ILZ001>002-007-009-
015>018-024>026-
034>035

Jo Daviess - Stephenson - Carroll - Whiteside - Rock Island - Henry - Bureau - Putnam - Mercer - Henderson - Warren - Hancock - McDonough

01	0000CST	0	0	Drought
31	2359CST			

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October precipitation averaged 1.0 inches which was 1.6 inches below normal. Departures from normal ranged from -0.3 inches (Burlington IA) to -2.3 inches (Moline IL). Precipitation percent of normal averaged 37 percent, with individual figures ranging from 89 percent (Burlington IA) to 15 percent (Cedar Rapids IA). The three-month average precipitation departure from normal is -3.7 inches, or 64 percent of normal. October was the ninth consecutive month with an average deficit of precipitation. The twelve-month precipitation departure is -12.41 inches, or 66 percent of normal.

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Stream flows began the month with streams in Iowa and Missouri mainly near normal (25th to 75th percentile), with a few reporting below above normal (76th to 90th percentile) conditions and a few reporting below normal (10th to 24th percentile) conditions. In Illinois, however, conditions were different. Most of the locations reported either below normal or much below normal (less than 10th percentile) flows. A couple locations were reporting record low flows for the day.

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ILLINOIS, South

ILZ075>078-080>094

Jefferson - Wayne - Edwards - Wabash - Perry - Franklin - Hamilton - White - Jackson - Williamson - Saline - Gallatin - Union - Johnson - Pope - Hardin - Alexander - Pulaski - Massac

28	0100CST	0	0	Frost/Freeze
	0700CST			

Widespread frost was observed across southern Illinois. Low temperatures were around 30 degrees at most locations.

ILLINOIS, Southwest

ILZ058>060-095>099

Greene - Macoupin - Montgomery - Adams - Brown - Pike - Calhoun - Jersey

01	0000CST	0	0	Drought
31	2359CST			

Eight counties in west central and southwest Illinois remained in drought status. Adams, Brown, and Pike counties remained in D1

Storm Data and Unusual Weather Phenomena

October 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops		Character of Storm
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ILLINOIS, Southwest

(moderate) drought status. The remaining counties were in D0 (abnormally dry) status.

INDIANA, Central

NOT RECEIVED.

INDIANA, Northeast

NOT RECEIVED.

INDIANA, Northwest

NOT RECEIVED.

INDIANA, South Central

NOT RECEIVED.

INDIANA, Southeast

NOT RECEIVED.

INDIANA, Southwest

INZ081>082-085>088

Gibson - Pike - Posey - Vanderburgh - Warrick - Spencer

28 0100CST
0700CST

0 0

Frost/Freeze

Widespread frost was observed across southwest Indiana. Low temperatures ranged from 32 degrees at Evansville to 34 degrees at the Mount Vernon Water Works on the Ohio River.

IOWA, Central

NOT RECEIVED.

IOWA, East Central and Southeast

IAZ041>042-051>054-
063>068-076>078-
087>089-098>099

Delaware - Dubuque - Benton - Linn - Jones - Jackson - Iowa - Johnson - Cedar - Clinton - Muscatine - Scott - Keokuk - Washington - Louisa - Jefferson - Henry - Des Moines - Van Buren - Lee

01 0000CST
31 2359CST

0 0

Drought

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Henry County

Salem

03 1600CST
1601CST

0 0

Hail (0.88)

From co-op observer.

Storm Data and Unusual Weather Phenomena

October 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

IOWA, East Central and Southeast

Widely scattered thunderstorms developed during the afternoon in a moist atmosphere. One lone storm pulsed severe and dropped hail on Salem, Iowa.

IOWA, Northeast

NOT RECEIVED.

IOWA, Northwest

NOT RECEIVED.

IOWA, Southwest

NOT RECEIVED.

KANSAS, East

NOT RECEIVED.

KANSAS, Extreme Southeast

NOT RECEIVED.

KANSAS, North Central

NONE REPORTED.

KANSAS, Northeast

NOT RECEIVED.

KANSAS, Northwest

Decatur County

11 SW Oberlin	19	1447MST			0	0			Hail (0.75)
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Gove County

Grainfield	29	1555MST			0	0			Hail (0.88)
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Gove County

3 W Gove	29	1650MST			0	0			Hail (0.75)
----------	----	---------	--	--	---	---	--	--	-------------

KANSAS, Southeast

Cowley County

2 S Maple City	01	1524CST			0	0			Hail (0.88)
----------------	----	---------	--	--	---	---	--	--	-------------

Covered ~50% of ground. (AGTAP CL407.)

Cowley County

2 S Silverdale	01	1525CST			0	0			Hail (1.25)
----------------	----	---------	--	--	---	---	--	--	-------------

Cowley County

10 E Arkansas City	01	1530CST			0	0			Hail (0.88)
--------------------	----	---------	--	--	---	---	--	--	-------------

Harper County

Anthony	19	1855CST			0	0			Hail (0.75)
---------	----	---------	--	--	---	---	--	--	-------------

Reno County

12 W Nickerson	19	1855CST			0	0			Hail (1.00)
----------------	----	---------	--	--	---	---	--	--	-------------

Harper County

12 NW Attica	19	1935CST			0	0			Hail (1.50)
--------------	----	---------	--	--	---	---	--	--	-------------

Harper County

8 N Attica	19	1940CST			0	0			Hail (1.00)
------------	----	---------	--	--	---	---	--	--	-------------

Storm Data and Unusual Weather Phenomena

October 2005

										October 2005
		Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage			
Location	Date				Killed	Injured	Property	Crops	Character of Storm	

KANSAS, Southeast

Harper County
8 N Attica

19 1940CST 0 0 Thunderstorm Wind (G52)

KANSAS, Southwest

NOT RECEIVED.

KENTUCKY, Central

NOT RECEIVED.

KENTUCKY, Eastern

NOT RECEIVED.

KENTUCKY, Northeast

KYZ101>103-105 Greenup - Carter - Boyd - Lawrence

01 0000EST 0 0 Drought
31 2300EST

Near normal rains of 2 to 3 inches were common, with 3 inches or more at Ashland and Charley. The developing drought in September, began to ease across extreme northeast Kentucky during the month of October. However, the long term Palmer Drought Index remained near minus 3.

KENTUCKY, Northern

NOT RECEIVED.

KENTUCKY, Southwest

KYZ001>022 Fulton - Hickman - Carlisle - Ballard - Mcracken - Graves - Livingston - Marshall - Calloway - Crittenden - Lyon - Trigg - Caldwell - Union - Webster - Hopkins - Christian - Henderson - Daviess - Mclean - Muhlenberg - Todd
28 0100CST 0 0 Frost/Freeze
0700CST

Widespread frost was observed across western Kentucky. Low temperatures ranged from 28 degrees at Hopkinsville to 35 degrees at Calhoun in Mclean County.

LOUISIANA, Northeast

NOT RECEIVED.

LOUISIANA, Northwest

De Soto Parish
Mansfield 31 1615CST 0 0 25K Thunderstorm Wind (G54)

A few trees were downed on the east side of town including one that fell across a home.

LOUISIANA, Southeast

NOT RECEIVED.

LOUISIANA, Southwest

NOT RECEIVED.

MAINE, North

NOT RECEIVED.

MAINE, South

NOT RECEIVED.

Storm Data and Unusual Weather Phenomena

October 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

MARYLAND, Central

NOT RECEIVED.

MARYLAND, Northeast

NOT RECEIVED.

MARYLAND, South

NOT RECEIVED.

MARYLAND, West

MDZ001

Garrett

25

0300EST

2200EST

0

0

75K

Heavy Snow

The first snow storm of the season started at the highest elevations around 6 PM EDT on 24th. Six inches of snow accumulated by 4 AM on 25th. Redhouse and Oakland totaled 8 to 12" of snow. Snow ended by 11 PM EDT on 25th. Snow was wet and heavy, knocking down numerous trees, which fell on power lines.

MASSACHUSETTS, Central and East

NOT RECEIVED.

MASSACHUSETTS, West

NOT RECEIVED.

MICHIGAN, East

NOT RECEIVED.

MICHIGAN, Extreme Southwest

Berrien County

1 NE New Buffalo to

1 SW Bridgman

02

2000EST

2010EST

0

0

15K

Thunderstorm Wind (G60)

Several 3 to 4 foot diameter trees, some as high as 40 feet, were snapped in half as winds estimated over 60 mph accompanied a cluster of thunderstorms. The damage extended from the Union Pier and Sokol Camp area northeast along the shore towards Bridgman. 3 buildings suffered minor damage from flying debris.

MICHIGAN, North

NOT RECEIVED.

MICHIGAN, Upper

NOT RECEIVED.

MICHIGAN, West

NOT RECEIVED.

MINNESOTA, Central and South Central

NOT RECEIVED.

MINNESOTA, Northeast

NOT RECEIVED.

MINNESOTA, Northwest

NOT RECEIVED.

Storm Data and Unusual Weather Phenomena

October 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

MINNESOTA, Southeast

NOT RECEIVED.

MINNESOTA, Southwest

NOT RECEIVED.

MINNESOTA, West

NOT RECEIVED.

MINNESOTA, West Central

NOT RECEIVED.

MISSISSIPPI, Central

NOT RECEIVED.

MISSISSIPPI, North

NOT RECEIVED.

MISSISSIPPI, South

NOT RECEIVED.

MISSISSIPPI, Southeast

NOT RECEIVED.

MISSOURI, East

MOZ018>019-026-
034>036-042-052

Knox - Lewis - Shelby - Monroe - Ralls - Pike - Audrain - Lincoln

01	0000CST	0	0	Drought
31	2359CST			

Several counties of northeast Missouri remained in drought conditions. Most counties remained in D0 (abnormally dry) status while a few counties in extreme northeast Missouri that border Illinois remained in D1 (moderate) status.

Shelby County
3 W Hunnewell

17	1400CST	2	1	Lightning
----	---------	---	---	-----------

Two men were killed and one injured by a lightning strike west of Hunnewell. The 3 men were doing road work near the bridge over the North Fork of the Salt River when the storm approached. They took shelter in a nearby shed, and when the storm appeared to let up, they headed for their vehicle. They were struck within a few feet of the vehicle. The men who died were killed instantly. M48OU, M50OU

Montgomery County
Bellflower

20	1447CST	0	0	Hail (0.75)
----	---------	---	---	-------------

The public reported 3/4 inch hail in Bellflower.

Lincoln County
Truxton

20	1454CST	0	0	Hail (0.88)
----	---------	---	---	-------------

The public reported nickel size hail in Truxton.

MISSOURI, Lower

NOT RECEIVED.

MISSOURI, Northeast

MOZ009>010

Scotland - Clark

01	0000CST	0	0	Drought
31	2359CST			

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Storm Data and Unusual Weather Phenomena

October 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

MISSOURI, Northeast

supplied by the service hydrologist.

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MISSOURI, Northwest

NOT RECEIVED.

MISSOURI, Southeast

Stoddard County

Bell City	20	1350CST	0	0	Hail (0.75)
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Scott County

Benton	20	1400CST	0	0	Hail (0.75)
--------	----	---------	---	---	-------------

MOZ076-086>087-100-107>112-114 Perry - Bollinger - Cape Girardeau - Wayne - Carter - Ripley - Butler - Stoddard - Scott - Mississippi - New Madrid

28	0100CST	0	0	Frost/Freeze
	0700CST			

Widespread frost was observed across southeast Missouri. Low temperatures ranged from 28 degrees at Doniphan to 38 degrees at New Madrid.

MISSOURI, Southwest

NOT RECEIVED.

MONTANA, Central

NOT RECEIVED.

MONTANA, East

MTZ024>027

Richland - Dawson - Prairie - Wibaux

04	1600MST	0	0	50K	Blizzard
05	1300MST				

An early season winter storm affected a portion of northeast Montana from late in the afternoon of October 4th through early afternoon on the 5th. An area of low pressure tracked from Colorado on the morning of the 4th to the eastern Dakotas by the morning of the 5th. The storm produced between 6 and 18 inches of heavy wet snow. The heavy snowfall covered an area from extreme eastern Sheridan County and eastern Roosevelt County through eastern McCone, southeast Garfield, and Southern Petroleum Counties and points east to the north Dakota Border. The heaviest snow fell in Wibaux and Dawson Counties where more than a foot of snow was observed. The snow occurred at a time when the leaves were still on the trees, and combined with winds of 25 to 35 mph to cause many trees and tree branches to be downed, and knocked out power to many areas. Although most areas had power restored within a few to several hours, a few spots did not have the power restored for a day or two. The strong wind also combined with the snow to produce blizzard conditions at times and created snowdrifts that were several feet deep in spots. Interstate 94 from Terry to the North Dakota State Line was closed early on the morning of the 5th and did not reopen until evening. Many secondary roads were either closed or open to emergency travel only. The heavy snow caused many schools and businesses to close across the area. A few of the more impressive snowfall totals included:

12 NW Carlyle (Wibaux County): 18 inches

Storm Data and Unusual Weather Phenomena

October 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

MONTANA, East

5 E Carlyle (Wibaux County): 16 inches
Glendive (Dawson County): 12 inches
Sidney (Richland County): 10 inches
15 E Crow Rock (Prairie County): 10 inches
Flattwillow (Petroleum County): 6 inches

MTZ021>023-062

Petroleum - Garfield - McCone - Eastern Roosevelt

04	1700MST	0	0	Winter Storm
05	1400MST			

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MONTANA, South

MTZ040-066

Northern Park County - Beartooth Foothills

04	1925MST	0	0	Heavy Snow
	2145MST			

7 inches 7S McLeod; 11 inches 6SE Clyde Park

A strong cold front moved across South Central Montana and Northern Wyoming on the 4th and 5th. Behind the front, a surface low moved across Northern Wyoming providing for a moist upslope flow across the Billings County Warning Area. Rain developed behind the cold front during the morning of the 5th and changed to a wet heavy snow by mid-afternoon. Trees across the area were still in full foliage. As a result...many trees and branches were heavily damaged. In addition...many branches fell on power lines and transformers resulting in widespread power outages...some of which last 36 to 48 hours.

MTZ031>033-036-056>058

Northern Rosebud - Custer - Fallon - Powder River - Red Lodge Foothills - Northern Big Horn - Southern Rosebud

04	2301MST	0	0	Heavy Snow
05	0430MST			

6 inches in Broadus with numerous trees down. Power out from time to time.; 8 inches in Lame Deer; 7 inches in Forsyth with numerous trees down...large branches down. Power out from Custer to Miles City; 10 inches in Ashland; 6 inches of heavy wet snow in Miles City. Numerous transformers blown and virtual blackout across the city; 11 inches in Baker with numerous trees and power lines down; 7 inches in Hardin with numerous trees and power line problems; 8 inches in Red Lodge with some power outages.

MTZ035

Yellowstone

05	0500MST	0	0	Heavy Snow
-----------	----------------	----------	----------	-------------------

8 inches in Billings. Snowfall at the Billings Airport reached 10.8 inches. The West End National Weather Service Office received 5.7 inches. There were numerous limbs and trees down due to the heavy wet snow falling on trees that were still in full foliage. There were also widespread power outages with damage reported to some homes from falling trees or limbs.

MTZ034>035-037>040-057

Northern Stillwater - Yellowstone - Carter - Southern Big Horn - Eastern Carbon - Northern Park County - Northern Big Horn

05	0535MST	0	0	Heavy Snow
	0755MST			

12 inches in Belltower; 14 inches in Pryor; 18 inches 3E Pryor; 8 inches 2SW Fort Smith; 6 inches 2N Bridger; 4 inches 1N Park City; 7 inches in Huntley; 5 inches in Crow Agency with numerous tree branches down and power outages; 12 inches 11N Ekalaka with numerous tree limbs down; 3 inches in Clyde Park

MTZ029>032-034-036>039-066>067

Musselshell - Treasure - Northern Rosebud - Custer - Northern Stillwater - Powder River - Carter - Southern Big Horn - Eastern Carbon - Beartooth Foothills - Absarokee / Beartooth Mountains

05	0830MST	0	0	Heavy Snow
	1315MST			

11 inches 4W Red Lodge (Red Lodge Ski Resort); 6 inches in Miles City (Highway 12 out of Miles City reported closed to the North Dakota state line. Interstate 94 also closed from Glendive to the North Dakota state line.); 12 inches in Volborg; 4 inches in Nye...5SW Nye and 3SW Absarokee; 5 inches 10S Big Timber; 14 inches 2NW Sonnette; 7 inches 9S Big Timber; 14 inches in Colstrip; 4 inches in Joliet and Boyd; 5 inches in Belfry; 14 inches in Ekalaka; 4 inches in Molt; 6 inches 1SW Wyola; 5 inches in Roundup; 5 inches with power outages in Delphia; 5 inches in Hysham along with numerous tree limbs down and power outages; 8

Storm Data and Unusual Weather Phenomena

October 2005

										October 2005
		Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage			
Location	Date				Killed	Injured	Property	Crops	Character of Storm	

MONTANA, South

inches 8SW Hysham with numerous tree branches down and power outages; 18 inches 4S Sonnette with numerous branches down and power outages; 10 inches 11E Musselshell with numerous tree branches down; 4 inches 1W Columbus with many branches down and power outages; 5 inches 3S Belfry

MONTANA, West

NOT RECEIVED.

NEBRASKA, Central

NOT RECEIVED.

NEBRASKA, East

NOT RECEIVED.

NEBRASKA, Extreme Northeast

NOT RECEIVED.

NEBRASKA, Extreme Southwest

NOT RECEIVED.

NEBRASKA, South Central

NEZ062

Hall

03

1100CST
1700CST

0

0

15K

200K

Strong Wind

Strong winds of 35 to 45 mph fanned fires in rural Hall County near Cairo. The fires started from combines in the fields for harvest. The winds pushed the fire across two different bean fields. The fire damaged a pivot in one field.

Nance County

1 S Genoa

04

1528CST

0

0

0

0

Hail (0.75)

Phelps County

2 E Funk

04

1630CST

0

0

0

0

Thunderstorm Wind (G52)

Dime to quarter size hail was also reported at the same time.

Buffalo County

6 E Kearney

04

1645CST

0

0

0

0

Thunderstorm Wind (G52)

NEZ076

Clay

06

1100CST
1700CST

0

0

15K

400K

Strong Wind

Strong winds of 35 to 45 mph fanned field fires started by combines in Clay County. One bean field was destroyed. The fires resulted in heavy smoke across a Highway near Ong. A vehicle ran into the back of one of the fire trucks in an area of poor visibility due to smoke. No injuries were reported.

NEBRASKA, West

NOT RECEIVED.

NEVADA, North

NVZ034

Ruby Mountains/E Humboldt Range

03

0700PST
0900PST

0

0

Heavy Snow

Seven to nine inches of snow was reported by Snotel sites.

NEVADA, South

Clark County

North Las Vegas

18

0832PST
0850PST

0

0

Flash Flood

Curb-to-curb flooding at the intersection of Nellis and Tropicana.

Nye County

Pahrump

18

0855PST
0930PST

0

0

Flash Flood

Streets flooded 2-3 feet deep.

Storm Data and Unusual Weather Phenomena

October 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

NEVADA, South

Clark County

Las Vegas

18

0925PST
1200PST

0

0

Flash Flood

Areas of Boulder Highway under water. Also reported by media.

Clark County

Las Vegas

25

0650PST

0

0

Hail (1.00)

Dime to quarter size hail.

Clark County

Las Vegas

25

0705PST
0722PST

0

0

Hail (1.00)

Dime to quarter size hail.

NEVADA, West

NOT RECEIVED.

NEW HAMPSHIRE, North and Central

NOT RECEIVED.

NEW HAMPSHIRE, Southern

NOT RECEIVED.

NEW JERSEY, Northeast

NOT RECEIVED.

NEW JERSEY, South and Northwest

NOT RECEIVED.

NEW MEXICO, Central and North

NOT RECEIVED.

NEW MEXICO, South Central and Southwest

NOT RECEIVED.

NEW MEXICO, Southeast

NOT RECEIVED.

NEW YORK, Central

NOT RECEIVED.

NEW YORK, Coastal

NOT RECEIVED.

NEW YORK, East

NOT RECEIVED.

NEW YORK, North

NOT RECEIVED.

NEW YORK, West

NOT RECEIVED.

Storm Data and Unusual Weather Phenomena

October 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
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NORTH CAROLINA, Central

NOT RECEIVED.

NORTH CAROLINA, Central Coastal

NOT RECEIVED.

NORTH CAROLINA, Extreme Southwest

NOT RECEIVED.

NORTH CAROLINA, North Coastal

NOT RECEIVED.

NORTH CAROLINA, Northwest and North Central

NOT RECEIVED.

NORTH CAROLINA, South Coastal

NOT RECEIVED.

NORTH CAROLINA, Southwest

NOT RECEIVED.

NORTH DAKOTA, Central and West

NOT RECEIVED.

NORTH DAKOTA, East

NOT RECEIVED.

OHIO, East

NOT RECEIVED.

OHIO, North

NOT RECEIVED.

OHIO, Northwest

NOT RECEIVED.

OHIO, Southeast

NOT RECEIVED.

OHIO, Southwest

NOT RECEIVED.

OKLAHOMA, Eastern

NOT RECEIVED.

OKLAHOMA, Extreme Southeast

NOT RECEIVED.

Storm Data and Unusual Weather Phenomena

October 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

OKLAHOMA, Panhandle

NOT RECEIVED.

OKLAHOMA, Western, Central and Southeast

NOT RECEIVED.

OREGON, Central and East

NOT RECEIVED.

OREGON, Northwest

NOT RECEIVED.

OREGON, Southeast

NOT RECEIVED.

OREGON, Southwest

NOT RECEIVED.

PACIFIC

NOT RECEIVED.

PENNSYLVANIA, Central

PAZ066

Lancaster

08 0600EST

0

0

1M

Flood

09 1545EST

Heavy rain, up to 12+ inches in some locations, caused devastating flooding across Lancaster County. Heavy rain began during the evening of October 7th, with significant flooding beginning in the morning hours of the 8th. A total of 34 water rescues were performed, and a number of dwellings had partial or total basement collapses due to the heavy rain. Many roads throughout the county were flooded and impassable, including Route 322 from Ephrata to New Holland. In West Earl Township, 2 homes sustained significant damage, and one was totally destroyed. Another home in East Lampeter Township sustained significant damage. Substantial water damage occurred in two apartments in West Lampeter Township. A large sink hole developed in Columbia Township. A total of about 75 homes had flooded basements throughout the county.

The Conestoga River crested more than 6 feet above flood stage.

The extensive flooding prompted the issuance of a State Of Emergency from county officials during Saturday afternoon.

PAZ065

York

08 1000EST

0

0

Flood

2145EST

Heavy rain caused flooding in limited areas of southern York County. Reports of several small streams overflowing their banks were reported, including one along Route 616 in Shrewsbury Township, and several in the towns of Felton and New Freedom. One road was closed in York due to high water.

PAZ066

Lancaster

08 1930EST

0

0

Flood

09 1045EST

Heavy rain caused the Conestoga River at Lancaster to flood. The river exceeded flood stage of 11 feet at 19:30 EST on the 8th, crested at 17.80 feet at 02:00 EST on the 9th, then fell back below flood stage at 10:45 EST on the 9th. Preliminary data suggests that this is the third highest crest recorded at this location.

Storm Data and Unusual Weather Phenomena

October 2005

										October 2005
Location	Date	Time	Path	Path	Number of		Estimated		Character of Storm	
		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops		

PENNSYLVANIA, Central

PAZ005>006-010>012-017>018-024-033-037-041>042 **McKean - Potter - Elk - Cameron - Northern Clinton - Clearfield - Northern Centre - Cambria - Somerset - Tioga - Northern Lycoming - Sullivan**

25 0700EST 1800EST 0 0 Heavy Snow

A deep low pressure system developing along the northern mid Atlantic Coast combined with a strong upper level low pressure system, leading to a swath of moderate to heavy wet snow across the higher elevations of central Pennsylvania beginning on Tuesday morning, and ending by Tuesday evening. Snowfall accumulations generally ranged from 6 to 12 inches, with the highest amounts across elevations above 1800 feet. Some higher elevations of the Laurel Highlands received locally higher amounts in excess of one foot.

The weight of the heavy wet snow, combined with nearly full foliage on many trees led to widespread fallen trees and tree limbs, as well as numerous power outages across the region. In particular, over 7000 customers in Somerset County were without power, while an estimated 8000 in Clearfield County were without power.

In addition to tree damage and power outages, the heavy snow and fallen tree limbs closed many roads across the higher elevations.

PENNSYLVANIA, East

NOT RECEIVED.

PENNSYLVANIA, Northeast

NOT RECEIVED.

PENNSYLVANIA, Northwest

NOT RECEIVED.

PENNSYLVANIA, West

PAZ032 Fayette 25 0800EST 1300EST 0 0 25K Heavy Snow

The first snow storm of the season began 10 PM EDT on 24th, reached 6" by 9 AM on 25th, and totaled 8 inches by noon. The wet, heavy snow knocked down numerous trees, which fell onto power lines.

PUERTO RICO

NOT RECEIVED.

RHODE ISLAND

NOT RECEIVED.

SOUTH CAROLINA, Central

Clarendon County 10 S Manning 21 1526EST 0 0 0 Hail (1.00)

Quarter sized hail fell about one mile north of Randolphs Landing or about 4 miles south of Jordan.

Lee County Bishopville 21 1608EST 0 0 0 0 Hail (0.75)

Sheriff reported penny size hail.

Lee County 7 ENE Bishopville 21 1620EST 0 0 0 Hail (1.75)

Sheriff reported golf ball size hail in the vicinity of Una.

Clarendon County Summerton 21 2015EST 0 0 0 Hail (1.75)

Sheriff reported golf ball size hail in Summerton.

Storm Data and Unusual Weather Phenomena

October 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

SOUTH CAROLINA, North Coastal

NOT RECEIVED.

SOUTH CAROLINA, Northwest

NOT RECEIVED.

SOUTH CAROLINA, South Coastal

SCZ047>050

Jasper - Beaufort - Southern Colleton - Charleston

05 0630EST

0 0

Tropical Storm

07 1000EST

Tropical Storm Tammy moved ashore on the northeast Florida coast, but the strongest effects were well north of the actual center. Tropical storm wind gusts as high as 59 mph affected the South Carolina coast for many hours during the event. This downed numerous trees and power lines on Fripp Island, Hilton Head Island, Wadmalaw Island, Johns Island, Edisto Island, and at Edisto Beach, Beaufort, and Hollywood. The most widespread tree damage was in Beaufort county where 30 trees were knocked down, one of which fell into a residence.

The storm also produced coastal flooding and high surf. Severe beach erosion occurred at the Isle of Palms, Edisto Beach and Hunting Island during high tides. The worst damage occurred at Edisto Beach where several homes were undermined by the surf, with one house having to be condemned.

Beaufort County

Beaufort

06 0050EST

0 0

Flash Flood

0130EST

Heavy rainfall associated with Tropical Storm Tammy flooded Warsaw Island Road.

Dorchester County

3 NW Summerville

21 1440EST

0 0

Hail (1.50)

1445EST

Slightly smaller than golfball size hail fell just northwest of Summerville.

Berkeley County

3 W Carnes Xrd

21 1459EST

0 0

Hail (1.00)

1503EST

Quarter size hail fell just north of Interstate 26 on Alternate Highway 17.

Colleton County

14 E Walterboro

21 1725EST

0 0

Hail (1.00)

1729EST

Quarter size hail fell along Alternate Highway 17 near the Colleton-Dorchester county line.

SOUTH DAKOTA, Central and North

NOT RECEIVED.

SOUTH DAKOTA, Southeast

NOT RECEIVED.

SOUTH DAKOTA, West

NOT RECEIVED.

TENNESSEE, Central

NOT RECEIVED.

TENNESSEE, East

NOT RECEIVED.

TENNESSEE, South Central

NOT RECEIVED.

TENNESSEE, West

NOT RECEIVED.

Storm Data and Unusual Weather Phenomena

October 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

TEXAS, Central

NOT RECEIVED.

TEXAS, Central Southeast

NOT RECEIVED.

TEXAS, Extreme West

NOT RECEIVED.

TEXAS, Mid - South

NOT RECEIVED.

TEXAS, North

NOT RECEIVED.

TEXAS, North Panhandle

NOT RECEIVED.

TEXAS, Northeast

Bowie County

12 W Maud

31 1249CST

0 0

Thunderstorm Wind (G53)

Trees downed between the Bassett and Siloam communities along US Hwy 67.

Upshur County

Bettie

31 1300CST

0 0 25K

Thunderstorm Wind (G56)

Roof was completely blown off a home in town.

Bowie County

4 W Nash

31 1307CST

0 0

Thunderstorm Wind (G52)

Estimated gust from County Emergency Manager.

Morris County

Naples

31 1315CST

0 0

Thunderstorm Wind (G52)

A few trees were downed in town.

Cass County

Douglassville

31 1320CST

0 0

Thunderstorm Wind (G54)

Trees downed.

Bowie County

1 W Texarkana

31 1322CST

0 0

Thunderstorm Wind (G52)

Gust estimated by Emergency Manager.

TEXAS, South

NOT RECEIVED.

TEXAS, South Central

NOT RECEIVED.

TEXAS, South Panhandle

NOT RECEIVED.

TEXAS, Southeast

NOT RECEIVED.

Storm Data and Unusual Weather Phenomena

October 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

TEXAS, West

NOT RECEIVED.

TEXAS, Western North

NOT RECEIVED.

UTAH, East

NOT RECEIVED.

UTAH, West and Central

Kane County
3 N Kanab

18 1515MST
1815MST

0 0

Flash Flood

Road washed out in Hog Canyon

UTZ007>010

Wasatch Mountains I80 North - Wasatch Mountains South Of I80 - Western Unita Mountains - Wasatch Plateau/Book Cliffs

27 1201MST
30 2000MST

0 0

Heavy Snow

A very wet Autumn storm brought rain and snow to the to the state. The highest precipitation amounts were across the mountains of northern Utah. Snow fell above about 8000 feet. Snow totals were: Alta Lifts - 13 (1.56" water), Wasatch Plateau - 11, Chepeta (High Uintas) - 9, Silver Lake Brighton - 8, Ben Lomund Peak - 6 (5.60" water), Farmington Cyn - 6, (2.60" Water), Timpanogos Divide - 5 (2.00" water), and Snowbird - 4. Upper Chalk Lake and Boulder Mountain received 3 inches of snow. Between 1.5" and 2.00" of rain were reported in the benches if the Salt Lake and Utah Valleys.

VERMONT, North and Central

NOT RECEIVED.

VERMONT, South

NOT RECEIVED.

VIRGIN ISLANDS

NOT RECEIVED.

VIRGINIA, East

NOT RECEIVED.

VIRGINIA, Extreme Southwest

NOT RECEIVED.

VIRGINIA, North

NOT RECEIVED.

VIRGINIA, Northwest

NOT RECEIVED.

VIRGINIA, Southwest

NOT RECEIVED.

WASHINGTON, Northeast

NOT RECEIVED.

Storm Data and Unusual Weather Phenomena

October 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

WASHINGTON, Northwest

NOT RECEIVED.

WASHINGTON, Southeast

NOT RECEIVED.

WASHINGTON, Southwest

NOT RECEIVED.

WEST VIRGINIA, East

NOT RECEIVED.

WEST VIRGINIA, North

WVZ023-041

Preston - Tucker
25 0300EST
2200EST

0 0 100K Heavy Snow

The first snow storm of the season started at the highest elevations around 6 PM EDT on 24th. Terra Alta received 12" of snow by 7 AM on 25th. Canaan Valley got 6 inches by 7 AM. Davis received 7" by then, and another 6 inches during the day and evening of 25th. Snow ended by 11 PM EDT on 25th. The snow was wet and heavy, knocking down numerous trees, which fell onto power lines. Traffic accidents, plus fallen trees and power lines blocked many roads, stranding some school buses. In Preston County, routes 32 and 38 were closed. 8500 customers lost electricity, some for 7 days.

WVZ022

Monongalia
25 1000EST
1300EST

0 0 35K Heavy Snow

The first snow storm of the season started 8 PM EDT on 24th and became heavy during the night. Morgantown accumulated 5 inches of snow by 8 AM on 25th; totaling 6" by 11 AM. By 2 PM on 25th, the temperature had risen to 34 F, and the precipitation changed to rain. The wet, heavy snow knocked down numerous trees, which fell onto power lines.

WEST VIRGINIA, Southeast

NOT RECEIVED.

WEST VIRGINIA, West

**WVZ008>011-
016>020-028>032-
035>040-046>047**

**Jackson - Wood - Pleasants - Tyler - Roane - Wirt - Calhoun - Ritchie - Doddridge - Braxton - Gilmer - Lewis
- Harrison - Taylor - Raleigh - Fayette - Nicholas - Webster - Upshur - Barbour - Pocahontas - Randolph**

01 0000EST 0 0 Drought
31 2300EST

Above normal October rains fell across most of the counties that saw a developing drought during September. Stream flows improved and the long term Palmer Drought Index rose to, or above, the zero mark. So by the end of the month, the drought had eased.

**WVZ030>032-
038>040-046>047**

Lewis - Harrison - Taylor - Webster - Upshur - Barbour - Pocahontas - Randolph

24 1800EST 0 0 Winter Weather/Mix
25 1300EST

A cold pool aloft, associated with a closed upper level low, changed rain to wet snow during Monday afternoon and evening, the 24th, from the central mountains into the north central lowlands of West Virginia. Most of the accumulating snow fell during the late night and early morning hours, before changing back to mostly light rain by midday on the 25th across the lowlands. Accumulations of 2 to 5 inches were common across the lowlands, before melting began on the 25th. At the extreme highest elevations, Snowshoe reported an 8 inch snow depth, while Kumbrabow State Forest measured 10 inches on the ground.

Many trees in the lowlands still had their autumn foliage. So many branches were snapped. Power outages occurred. These problems were even more serious in counties further to the north, toward the Pennsylvania border.

Storm Data and Unusual Weather Phenomena

October 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

WISCONSIN, Northeast

NOT RECEIVED.

WISCONSIN, Northwest

NOT RECEIVED.

WISCONSIN, Southeast

NOT RECEIVED.

WISCONSIN, Southwest

NOT RECEIVED.

WISCONSIN, West

NOT RECEIVED.

WYOMING, Central and West

NOT RECEIVED.

WYOMING, Extreme Southwest

NOT RECEIVED.

WYOMING, North Central

WYZ099

Sheridan Foothills

05

0500MST

0

0

Heavy Snow

8 inches 8W Sheridan with lesser amounts in town but there were widespread power outages with trees snapping. A strong cold front moved across South Central Montana and Northern Wyoming on the 4th and 5th. Behind the front, a surface low moved across Northern Wyoming providing for a moist upslope flow across the Billings County Warning Area. Rain developed behind the cold front during the morning of the 5th and changed to a wet heavy snow by mid-afternoon. Trees across the area were still in full foliage. As a result...many trees and branches were heavily damaged. In addition...many branches fell on power lines and transformers resulting in widespread power outages...some of which last 36 to 48 hours.

WYZ099

Sheridan Foothills

05

0700MST

0

0

Heavy Snow

9 inches of snow in Story

WYZ098

Northeast Bighorn Mountains

05

0700MST

0

0

Heavy Snow

8 inches of snow in Burgess Junction

WYZ099

Sheridan Foothills

05

0715MST

0

0

Heavy Snow

10.5 inches of snow 9NE Clearmont

WYZ099

Sheridan Foothills

05

0855MST

0

0

Heavy Snow

4 inches in Sheridan. Electrical transformer blew out.

WYOMING, Northeast

NOT RECEIVED.

WYOMING, Southeast

NOT RECEIVED.